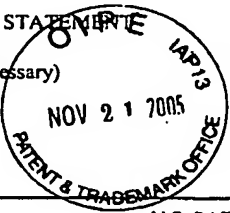


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|---|---|--|------------|---|-------|-------------------------------|--|
| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 039791.98 | | APPLICATION NO. 10/014,937 | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANTS Toshiaki HASHIZUME et al. FILING DATE December 14, 2001 | | | |
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| | | | | U.S. PATENT DOCUMENTS | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | |
| WCD | 1 | JP U 5-15035 (w/English Abstract and Translation) | 02/26/1993 | Japan | X | | |
| | 2 | JP A 5-107505 (w/English Abstract and Translation) | 04/30/1993 | Japan | | | |
| | 3 | JP U 5-45702 (w/English Abstract and Translation) | 06/18/1993 | Japan | | | |
| | 4 | JP A 5-346557 (w/English Abstract and Translation) | 12/27/1993 | Japan | | | |
| | 5 | JP A 7-181392 (w/English Abstract and Translation) | 07/21/1995 | Japan | | | |
| WCD | 6 | JP A 7-287205 (w/English Abstract and Translation) | 10/31/1995 | Japan | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
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| EXAMINER /William Dowling/ | | | | DATE CONSIDERED 12/14/2006 | | | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

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| | | | | FILING DATE December 14, 2001 | | GROUP 2851 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | |
| | 1 | WO 94/22042 | 09/29/1994 | WIPO | | | |
| | 2 | JP-U-62-121503 (w/English translation of claim 1) | 08/01/1987 | Japan | | | |
| | 3 | JP-A-2-118661 (w/English abstract) | 05/02/1990 | Japan | | | |
| | 4 | JP-A-4-30140 (w/English abstract) | 02/03/1992 | Japan | | | |
| | 5 | JP-A-4-127120 (w/English abstract) | 04/28/1992 | Japan | | | |
| | 6 | JP-A-5-196892 (w/English abstract & JPO translation) | 08/06/1993 | Japan | | | |
| | 7 | JP-A-6-202063 (w/English abstract & JPO translation) | 07/22/1994 | Japan | | | |
| | 8 | JP-A-7-120753 (w/English abstract & JPO translation) | 05/12/1995 | Japan | | | |
| | 9 | JP-A-7-174974 (w/English abstract & JPO translation) | 07/14/1995 | Japan | | | |
| | 10 | JP-A-7-244282 (w/English abstract & JPO translation) | 09/19/1995 | Japan | | | |
| EXAMINER W Dowling | | | | | DATE CONSIDERED 3/3/05 | | |
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| | 2 | JP-U-62-121503 (w/English translation of claim 1) | 08/01/1987 | Japan | | | |
| | 3 | JP-A-2-118661 (w/English abstract) | 05/02/1990 | Japan | | | |
| | 4 | JP-A-4-30140 (w/English abstract) | 02/03/1992 | Japan | | | |
| | 5 | JP-A-4-127120 (w/English abstract) | 04/28/1992 | Japan | | | |
| | 6 | JP-A-5-196892 (w/English abstract & JPO translation) | 08/06/1993 | Japan | | | |
| | 7 | JP-A-6-202063 (w/English abstract & JPO translation) | 07/22/1994 | Japan | | | |
| | 8 | JP-A-7-120753 (w/English abstract & JPO translation) | 05/12/1995 | Japan | | | |
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